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(54) Title: METHODS FOR PURIFYING TRANS-(-)- Δ^9 -TETRAHYDROCANNABINOL AND TRANS-(+)- Δ^9 -TETRAHYDROCANNABINOL

(57) Abstract: Methods for making trans-(-)- Δ^9 -tetrahydrocannabinol and trans-(+)- Δ^9 -tetrahydrocannabinol are disclosed herein. In one embodiment, a trans-(-)- Δ^9 -tetrahydrocannabinol composition is prepared by allowing a composition comprising ($\pm$)- Δ^9 -tetrahydrocannabinol to separate on a chiral stationary phase to provide a trans-(-)- Δ^9 -tetrahydrocannabinol composition comprising at least about 99% by weight of trans-(-)- Δ^9 -tetrahydrocannabinol based on the total amount of trans-(-)- Δ^9 -tetrahydrocannabinol and trans-(+)- Δ^9 -tetrahydrocannabinol. The invention also relates to methods for treating or preventing a condition such as pain comprising administering to a patient in need thereof an effective amount of a trans-(-)- Δ^9 -tetrahydrocannabinol having a purity of at least about 98% based on the total weight of cannabinoids.

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